

TABLE I. DEVICE PARAMETERS 1/

JPL PART # ST12209- 2/	MFG.	MFG PART #	PACKAGE STYLE 3/	DETAIL SCREENING TESTS	ELECTRICAL CHARACTERISTICS & GROUP A TESTS	RADIATION (TID) LEVEL RAD(S)
DN59685BR DN59695BR	MSC MSC	1N5968 1N5969	GLASS GLASS	MIL-S- 19500/356	MIL-S-19500/356 (TABLE I)	100k 4/
DN59682BR DN59692BR	MSC MSC	1N5968 1N5969	GLASS GLASS			

**NOTES:**

**1/ This drawing, in conjunction with CS515581, imposes all requirements for procurement of these devices.**

**2/ JPL part numbers with suffix "2BR" shall conform to all requirements of the detail specification with the exception that V<sub>i</sub> tolerance shall be  $\pm 2\%$ .**

**3/ Device physical dimensions shall conform to MIL-S-19500/356, Figure 1.**

**4/ Sufficient radiation tolerance to this TID level is guaranteed by design for this device. [See CS515581, Paragraph 4.7.7].**

**5. Final finish of leads shall be hot solder dip in accordance with MIL-S-19500.**

**6. This standard takes precedence over documents referenced herein.**

<b>RELEASED THRU SECTION 356 DATA MANAGEMENT:</b>			<b>DATE:</b>		
<b>REVISION: A</b>			<b>APPROVED BY:</b>		
<b>DATE: 10-12-92</b>					
<b>APPROVED SOURCE(S)</b>			<small>THE ITEM LISTED IN THE APPROVED SOURCE BLOCK AND IDENTIFIED BY VENDOR NAME, ADDRESS, AND PART NUMBER WILL BE EVALUATED AND TESTED BY THE JPL ELECTRONIC PARTS RELIABILITY SECTION OR ITS DELEGATED ALTERNATE BEFORE BEING APPROVED FOR USE. NON-JPL USERS SHALL CHECK WITH THE ELECTRONIC PARTS RELIABILITY SECTION ON THE STATUS OF THE PART'S APPROVAL BEFORE USING.</small>		
<b>VENDOR PART NO</b>	<b>VENDOR</b>	<b>JPL PART NO</b>			
<b>JET PROPULSION LABORATORY</b>			<b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b>		
<small>Procurement specification: CS515581 Screening specification: ZPP-2073-GEN</small>			<b>TITLE:</b>  <b>DIODE, SILICON, ZENER VOLTAGE REGULATOR, 5W</b>		
<small>Custodian: Electronic Parts Reliability Section 514</small>			<b>DETAIL SPECIFICATION</b>  <b>ST 12209</b>		
			<b>SHEET 1 OF 1</b>		

Filename: ST12209.A  
Directory: H:\USERS\514\SPECS\ACT-DETL  
Template: F:\USERS\JSANSONE\MSOFFICE\WINWORD\TEMPLATE\NORM  
AL.DOT  
Title:  
Subject:  
Author: Jennifer Sansone  
Keywords:  
Comments:  
Creation Date: 08/09/95 9:57 AM  
Revision Number: 1  
Last Saved On:  
Last Saved By:  
Total Editing Time: 1 Minute  
Last Printed On: 08/09/95 10:00 AM  
As of Last Complete Printing  
Number of Pages: 1  
Number of Words: 364 (approx.)  
Number of Characters: 2,078 (approx.)